

that every billet of the population has a composition (in wt %) of:

Constituent	Range
Fe	<0.35
Si	0.20 - 0.6
Mn	<0.10
Mg	0.25 - 0.9
Cu	<0.015
Ti	<0.10
Cr	<0.10
Zn	<0.03

balance Al of commercial purity.

AD
Cont

--10. A method of making an extruded section comprising (a) producing a population of aluminum alloy billets comprising performing more than one cast of metal from a body of molten metal comprising virgin metal and recycled scrap wherein said body has a composition within a specification such that every billet of the population has a composition (in wt %) of:

Constituent	Range
Fe	<0.35
Si	0.20 - 0.6
Mn	<0.10
Mg	0.25 - 0.9
Cu	<0.015
Ti	<0.10
Cr	<0.10
Zn	<0.03

balance Al of commercial purity; and

(b) extruding a billet taken from said population of billets.

--11. A method as claimed in claim 10, including the step of aging the extruded section by heating at 150° - 200°C for a time to develop peak strength.

--12. A method as claimed in claim 10, wherein the extruded section is etched to develop a matte surface and then anodised.

--13. A method of producing a population of aluminum alloy billets comprising performing more than one cast of metal from a body of molten metal comprising virgin metal and recycled scrap wherein said body has a composition within a specification such that every billet of the population has a composition (in wt %) of:

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cont

Constituent	Range
Fe	0.16 - 0.35
Si	0.4 - 0.6
Mn	0.01 - 0.05
Mg	0.35 - 0.6
Cu	<0.010
Ti	<0.05
Cr	<0.09
Zn	<0.03

balance Al of commercial purity.

--14. A method of making an extruded section comprising
(a) producing a population of aluminum alloy billets comprising performing more than one cast of metal from a body of molten metal comprising virgin metal and recycled scrap wherein said body has a composition within a specification such that every billet of the population has a composition (in wt %) of:

Constituent	Range
Fe	0.16 - 0.35
Si	0.4 - 0.6
Mn	0.01 - 0.05
Mg	0.35 - 0.6
Cu	<0.010
Ti	<0.05
Cr	<0.09